

Prime & Composite Numbers

Prime Numbers	Composite Numbers
<p>A prime number is a number that can only be divided by <u>itself</u> and the number <u>one</u>. It only has these two factors.</p> <p>EXAMPLE: The number 7. $7 \div 7 = 1$ $7 \div 1 = 7$</p>	<p>A composite number is a number that can be divided by more than two factors.</p> <p>EXAMPLE: The number 6. $6 \div 6 = 1$ $6 \div 1 = 6$ $6 \div 3 = 2$ $6 \div 2 = 3$</p>

Instructions: List the factors of the numbers below then determine whether each number is prime or composite.

	Number	List the factors	Circle
1	8		Prime Composite
2	20		Prime Composite
3	13		Prime Composite
4	12		Prime Composite
5	17		Prime Composite



	Number	List the factors	Circle
6	61		Prime Composite
7	81		Prime Composite
8	55		Prime Composite
9	42		Prime Composite
10	73		Prime Composite

Instructions: Answer the questions below.

11	12
List the prime numbers between 12 and 30 below.	List the prime numbers between 40 and 70 below.

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Instructions: List the factors of the numbers below then determine whether each number is prime or composite.

	Number	List the factors	Circle
1	54		Prime Composite
2	47		Prime Composite
3	90		Prime Composite
4	23		Prime Composite
5	42		Prime Composite



	Number	List the factors	Circle
6	83		Prime Composite
7	96		Prime Composite
8	44		Prime Composite
9	59		Prime Composite
10	37		Prime Composite

Instructions: Answer the questions below.

11	12
List the prime numbers between 1 and 35 below.	List the prime numbers between 65 and 100 below.